HOLIDAY HOMEWORK

CLASS -10

**SUBJECT- ENGLISH**

Learn the Question and answers of the following lessons:-

**The First flight**

1.A letter to God.

 \* Fire and ice (poem)

 \*Dust of Snow (poem)

2. Nelson Mandela: Long walk to freedom

 A Tiger in the Zoo (poem)

**Footprints without feet**

 1. A Triumph of Surgery

 2. The Thief's Story

**Practice the exercises on the given topic in**

 **Grammar:-**

1.Tenses

2.Modals

**Practice writing the format of letter writing in the writing skills-**

1.Formal letter writing

**Make a video on the topics given:-**

( please follow these Instructions :-)

\*Video should be of 1 minute duration.

\* You will speak only on the topics given.

\* Keep the video safely as you have to send it to the teachers in July.

**TOPICS FOR ONE MINUTE SPEECH**

1. Changing times

2. How to increase our immunity

3. Social distancing

4. How I miss my school

5. My Ideal

6. Unpolluted nature- lockdown-lesson learnt.

**SUBJECT- HINDI**

**कक्षा-१०**

**सत्र-२०२०-२०२१**

**विषय-हिंदी**

**ग्रीष्मावकाश-गृह-कार्य**

**प्रश्न -१**

 निम्न लिखित विषयो पर १५० शब्दों का एक सारगर्भित  अनुच्छेद लिखिए-

* वर्तमान परिप्रेक्ष्य में इंटरनेट की आवश्यकता एवं उपयोगिता।
* सोशल मीडिया पर बढ़ते अपराध -कारण एवं निवारण ।

**प्रश्न -२**

* "कोरोना से सुरक्षा" विषय पर भारत सरकार की ओर से जारी सूचनाओं के आधार पर २५-५० शब्दों में एक विज्ञापन तैयार कीजिये ।

**प्रश्न-३:**

* आपके क्षेत्र में बढ़ रही आपराधिक घटनाओ की रोकथाम के लिए किये गए प्रबंध के सम्बन्ध में थानाध्यक्ष के कार्यो की प्रशंसा करते हुए उन्हें एक पत्र लिखिए ।
* अपनी छोटी बहन को योग की महत्ता बताते हुए एक पत्र लिखिए।

**प्रश्न- 4**

* पढ़ाए गए सभी पाठों के प्रश्नोत्तरों को याद कीजिये।

**प्रश्न-5**

* व्याकरण  पुस्तक  अथवा सैम्पल पेपर्स की सहायता से व्याकरणिक अंशों का अभ्यास कीजिये।

**प्रश्न-६**

* निम्नलिखित विषय में से किसी एक विषय पर २ मिनट  की अपनी एक विडियो बनाइये
1. वर्तमान समय में सामाजिक दुरी बनाने की आवश्यकता
2. युवा शक्ति
3. प्राकृतिक आपदा
4. पुरुषार्थ एवं भाग्य
5. जीवन में अनुशासन का महत्व

(NOTE: Kindly keep this video safely with yourself as it will asked by the teachers anytime in the month of July for assessment.)

**SUBJECT- MATHEMATICS**

1. Do the optional exercise 2.4 of polynomial.

2. Do the optional exercise 3.6 of linear equations in two variables.

3. Revise the chapter real numbers, polynomials and pair of linear equations in two variables.

4. Complete your activities also.

a. Parabola curve

b. Derivation of relation between constant coefficient and zeros of three degree polynomial

c. Draw the graph by taking equations from the book

• Intersecting lines

• Parallel lines

• Coinciding lines

**SUBJECT-BIOLOGY**

**1.** Select any one topic and make a Power Point presentation on it.

* Autotrophic nutrition
* Heterotrophic nutrition
* Respiration in organisms
* Excretion in human beings
* Human circulatory system
* Control and coordination in plants
* Control and coordination in human beings

**CLUES:**

Students can include:

* Flowcharts
* Important concepts
* In a nutshell
* Diagrams

**OR**

**1.** Students can prepare a quiz comprising of 30 objective type questions along with hidden answers from the chapters mentioned below.

* Life processes
* Control and coordination

**2.** Write the mentioned biology practical along with the labelled diagram in your practical file.

* To prepare a temporary mount of a leaf peel to show its stomata.

**SUBJECT-CHEMISTRY**

1. a) Prepare an Educational video on the given topics or activity.

**Videos should be prepared in school uniforms with the identity card.**

**(Select any one topic or activity.)**

**OR**

  b) Prepare a MS. Powerpoint presentation on the given topics or activity. **(Select any one topic or activity.)**

**OR**

  c) Prepare a Quiz with hidden answers on MS. Powerpoint using multiple-choice questions from given chapters.

**(10 questions from each chapter.)**

**Chapters name-**

Chemical Reactions and Equations.

Acid Bases and Salts.

Topics or Activities:-

**(Select any one)**

1. Characteristics of chemical reactions.
2. Effects of oxidation reactions in everyday life (Corrosion & Rancidity).
3. Indicators for testing Acids and Bases.
4. Physical properties of Acids and Bases.
5. The aqueous solutions of Acids and Bases conducts electricity.
6. Importance of pH in everyday life.
7. Baking soda and Washing soda.
8. Plaster of Paris and Bleaching Powder
9. Decomposition Reactions.
10. Chemistry Practical in a separate lab notebook.

 Chemistry - a) To find the pH of the following samples by using pH paper/universal indicator.

1. Dilute hydrochloric acid (HCL)

**SUBJECT-PHYSICS**

1.Read and prepare well the topics taught in class.

2.Select 20 questions from some other source on first and second chapter and solve it in your class work copy. Write down questions as well.

3.Read the topic sources of Energy from S CHAND Book and note 5 important points in your class work copy.

**SUBJECT- GEOGRAPHY/ECONOMICS**

Make the video

**Or**

PowerPoint presentation

**Or**

With the  help of  sketches and drawings , prepare the activity on any one topic from any of the given chapters.

**CH**—2  Forests and wildlife resources

**Ch**—3  water resources

Read and learn lessons of (geo-1,eco-1)

* Practice map of Geography
* Watch the  videos again sent to you related to  the topics taught for better understanding of the concepts.

 **SUBJECT-HISTORY/CIVICS**

\* Read the chapters – Nationalism in Europe, Power-Sharing, Federalism.

\* Complete the questions given for assignment in your assignment copy.

\* Make a self assessing report on the various roles that you are playing in the family and society:

- as a son/daughter

- as a brother/sister

- as a student

- as a friend

- as a customer/consumer

- as a co-passenger

(Or any other role that you are playing.)

Take any five roles.

How responsibly are you playing these roles?

What efforts are you making to make yourself better in playing these roles?

How would you assess yourself in playing these roles.

Note: Do the activity on simple register paper. Write your name class and section. Write at least 50 words for one role that you are describing.

**SUBJECT- IT**

 **Note: To be done in practical file/file paper.**

1. Draw the diagram of main window of Open Office Base, label the different options/features available on the window.

2. What are the different data types available in Open Office Base? Explain with suitable example.

3. Create a table “Employee” with following details-

employeeId number

employeeName varchar(20)

salary double

dob Date

address varchar(50)

Create query to insert data of minimum 5 employees in the “Employee” table.

Note - empployeeId should be 101, 102, 103…….., salary should be between 8,000 to 30,000 and make employeeId as Primary key

Write query to show the data of those employee whose salary is greater than 15,000.

 Write query to show the data of employee whose employee id is = 101

1. Create a Form to insert the details of employees (employee Id , employee Name, salary ,dob ,address) in the table “Employee” and enter data of minimum 5 employees using the Form wizard.

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